

Awning or Shelter Deck,
or Pt. Awning Deck.

STEEL STEAMER.

No. 66429

State if Report is also sent on the Machinery of the Vessel

Yes

Port of NEWCASTLE-ON-TYNE

Date of completion of Report

Received at London Office

WED. JUL. 22. 1914

Survey held at NEWCASTLE-ON-TYNE

Date, First Survey 7th Jan 1914

Last Survey 20/7 1914

On the (State if Single, Twin, or Triple Screw)

van der Dueren

Rig Schooner

Master W. A. Millema

Year of Appointment

(1) As Master in service of owner of present vessel:—191
(2) As Master of this vessel:—191

Built at Newcastle Wallsend

When built 1914 Launched 7th May 1914

By whom built Swan Hunter & Wigham Richardson Ltd

Owners Wambersie & Son

Managers

(Where necessary to be entered in Reg. Book.)

Residence Rotterdam

Port belonging to Rotterdam

TONNAGE under 2836.38

CLASS 100 A. 1 Awning or Pt. Awning

Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.

Total under Upper Dk.

Do. of Poop

Do. of R. or Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of Engine Room

Gross Tonnage 3289.79

Less Crew Space 140.83

Less above Crown of Engine Room

TONNAGE FOR FEES 3149.76

Line Room 1052.73

Navigation Spaces 76.43

Net Tonnage 2020.60

Breadth (greatest moulded) 44.83

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 28.00

Deduct height of 'tween deck when this does not exceed 8ft. 7.88

Transverse Number 64.95

Length on deck from fore part of stem to after part of sternpost 331

Longitudinal Number 21498

Depth "d" at middle of length. See Secs. 2 & 13. 9.29 16.95

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 11.82

" " " Upper Deck at side to top of keel 16.45

Destined Voyage

If Surveyed while Building/Afloat, or in Dry Dock Yes

DEPTH, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid 2 nd Awng Dk
Do. Upper Deck Beams	17	9 1/2	No. of Tiers of Beams 2 nd Awng Dk

Length 331.1 breadth 45.2 depth 25.65	Awn. or Shelter Dk. Moulded depth, ft. 28 ins. 0	To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 11 1/4 ins
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FRAMING.							PILLARS.						
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule	Inches per Rule		Inches in Ship.	Inches Spacing in Ship.	Inches per Rule Or as	Inches per Rule	Inches per Rule	
IE, Angles, or E or L Bars, amidships	6 1/2	3	40	6 1/2	3	40	PILLARS, In 'tween Deck, size and spacing						
in peaks	6	3	38	6	3	38	" " Hold						
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	3 1/2	3 1/2	36	" Quarter, 'tween Dks., " "	2 1/2 x 3	48	2 1/2 x 3	48		
" " " " " " " " " "	5	3	34	5	3	34	" " in Hold " "	3 3/8 x 3 7/8	48	3 3/8 x 3 7/8	48		
g of Frames from centre to centre amidships	24			24			KEELSONS AND STRINGERS.						
" " " " " " " " " "	24			24			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
length to collision bulkhead	24			24			" Rider Plate						
of Frames from centre to centre in peaks	24			24			" Flat Keel Plate Angles						
RS, in Cell Double Bottoms	34	44 B	34	44 B			" Horizontal Plates on Floors						
state if flanged (top and bottom)	24			24			" Angles or Bulb Angles						
spacing of Solid	24			24			" " " " " "						
RE GIRDER, in Dbl. bottom, dpth. & thcknss	38	48	58 B	38	48	58 B	SIDE KEELSONS, Number						
" " " " " " " " " "	4	4	56	4	4	56	" Angles or Bulb Angles						
" " " " " " " " " "	4	4	56	4	4	56	" Plate above floors, for length						
" " " " " " " " " "	5	5	52	5	5	52	" Intercoastal Plate, for length						
Brackets at intermdt. frmg., width & thcknss	3 1/2	3 1/2	36	3 1/2	3 1/2	36	" Attached to outside plating with Angle						
GIRDERS, number and thickness	1		34	1		34	BILGE KEELSON, Angles						
" " " " " " " " " "	5		34	5		34	" Intercoastal Plate, for length						
Angles	3 1/2	3 1/2	36	3 1/2	3 1/2	36	" Attached to outside plating with Angle						
SIN PLATE, depth (exclusive of flange) and thickness	29	40	50 B	29	40	50 B	SIDE STRINGERS, Number 1. in E & B space						
Angles to outside plating	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" " Angle	6 1/2	3 1/2	54	6 1/2	3 1/2	
" " to floors	3 1/2	3 1/2	36	3 1/2	3 1/2	36	" " Intercoastal Plate, for E & B lng.			40		40	
Brackets at intermdt. frmg., width & thcknss	20		20				" Attached to outside plating with Angle	flanged					
Height of Brackets above at bilge	20		20				Awning or Shelter Deck Stringer Plates, breadth and thickness	54	52	48	52		
R BOTTOM PLATING, breadth and thickness of Middle Line Strake	38	44	52 B	38	44	52 B	" Angle on ditto	4 1/2 x 4 1/2	52	4 1/2 x 4 1/2	52		
" " thickness in Engine and Boiler space	100	44 E	52 B	44 E	52 B		" Tie Plates, fore and aft, outside Hatchways						
" " Remainder in Holds	36	32	36	32	32		" Deck * Iron or Steel, for full lng.	30	30	32	30		
IS, Awng or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	6	3	40	6	3	40	" Wood Deck, Material & thickness	3" P. Pine					
Spacing	24		24				Upper Deck Stringer Plate, breadth and thickness	48	42	44	42		
IS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	6 1/2	3	40	6 1/2	3	40	" Angles on ditto, No. 2	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	42		
Spacing	24		24				" Tie Plates, outside Hatchways						
IS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	3	42	7	3	42	" Deck * Iron or Steel, for full lng.	30	26	30	26		
Angles on upper edge	24		24				" Wood Deck, Material & thickness						
Spacing	24		24				Second Deck Stringer Plates, br'dth & thckn's	54	40	44	40		
IS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Angles on ditto, No. 2	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	42		
Angles on upper edge							" Tie Plates, outside Hatchways						
Spacing							" Deck * Material and thickness Steel	30	26	30	26		
IS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3	50	8 1/2	3	50	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness						
" " " " " " " " " "	4	3 1/2	40	4	3 1/2	40	" Angles on ditto, No.						
" " " " " " " " " "	48		48				" Tie Plates, outside Hatchways						
" " " " " " " " " "							" Deck, Material and thickness						
" " " " " " " " " "							Poop Deck Stringer Plate, breadth & thickness						
" " " " " " " " " "							" Angles on ditto						
" " " " " " " " " "							" Tie Plates						
" " " " " " " " " "							" Deck, Material and thickness						
" " " " " " " " " "							Bridge Deck Stringer Plate, br'dth & thickness						
" " " " " " " " " "							" Angle on ditto						
" " " " " " " " " "							" Tie Plates						
" " " " " " " " " "							" Deck, Material and thickness						
" " " " " " " " " "							Forecastle Deck Stringer Plate, br'dth & th'kns	31	32	30	32		
" " " " " " " " " "							" Angle on ditto	3 x 3	22	3 x 3	22		
" " " " " " " " " "							" Tie Plates						
" " " " " " " " " "							" Deck, Material and thickness 1/2 x 3 P. Pine & Steel	42	30		30		

[illegible]

EQUIPMENT No. 24536 LETTER U ANCHORS.											
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
21761	1st Power	43	1	14	Stockless			38	3	0	14
21757	2nd "	43	1	14	"			38	3	0	14
21764	3rd "	42	3	0	"			37	13	3	0
	Collective weight	129	2	0					128	0	0
21844	Stream	2	0	0	3	1	14	13	19	2	21
21842	Kedge	5	2	0	1	1	14	7	16	1	0

CHAIN CABLES.											
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE		Fathoms and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.
	Length.	Diam.	Stations.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.			
11990	270	1 1/2	67 1/2	94 5/8	11.2	0.5	11.1	1.14	270	1 1/2	Stud S. Taylor & Son LPHW 27/4/14 A Green
	90	4 1/4		35					90	4 1/4	Iron Stream or Steel Wire...

Boats	4 - 24 ft life boats	Steering Gear, Steam	Good	Steering Gear, Hand	Good
Pumps, Number	2 downtons 1 Lift	Diameter of Barrel	5 1/4	State whether they are in efficient working order	Yes
Windlass is	Iron patent	Capstan			
Engine Room Skylights.	How constructed? Steel plates & angles	What arrangements for deadlights in bad weather?	Steel shutters & lights		
Coal Bunker Openings.	How constructed? Steel plates & angles	How are lids secured?	13 attened	Height above deck?	9" on Prom. St.
Number of Scuppers, and numbers and dimensions of	Freeing Ports, &c.	Open rails			
Ceiling in Holds, thickness and material	Insulated with 2" air space on tank	Cargo Battens, thickness and material	Insulated		
Cargo Hatchways.	How formed? Steel plates & angles	Hatches, If strong and efficient?	Yes		
State size No. 1 Hatch (Forward)	12' 0" x 12' 6"	No. 2 Hatch	20' 0" x 12' 9"	No. 3 Hatch	18' 0" x 13' 6"
No. 4 Hatch	12' 0" x 13' 6"				
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch	1 web in No 1 & 4	3 web in No 2	and 2 web in No 3		
No. of Breasthooks	9	No. of Crutches	3 & Deep floors		
Bulwarks, height above deck and description	part only 42" x 30 & 25 plates	Main Rail and Stays, material and size	5 1/2 x 3 x 30 B.A.		
The foregoing is a correct description.		Surveyor's Signature	E. J. Milton		
Builder's Signature (here only)	SWAN, HUNTER, & WIGHAM RICHARDSON, LTD. Newcastle	Surveyor to Lloyd's Register of British and Foreign Shipping.			

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)

M. 21.8.13 26.8.13 1.9.13 10.9.13 19.9.13 8.10.13 17.10.13 17.11.13 24.11.13 5.5.14

Workmanship. Are the butts of plating planed or otherwise fitted? Lapped and planed.

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Yes

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes

Do any rivets break into or through the seams or butts of the plating? A few

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes

State results of tests Good

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes

State results of tests Good.

General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the Rules, the approved plans and the Secretary's letters quoted above. The workmanship and materials are good throughout.

This vessel is insulated throughout for the carriage of refrigerated fruit cargoes. The fore and after peak tanks, cellular double bottom and tank aft have been constructed with a view to carrying oil fuel and an air space has been arranged for between these parts and the insulation, but no pipes or suction are fitted as it is not intended to carry oil fuel at present.

The approved plans of Hull, Section, Profile & Deck, Stern frame & rudder, Fore & after peak bulkheads, Deep tank aft, Cast steel quadrant & tiller, Pumping, Houses on Aft wing & Boat Sts., Strong, Thruway in way of Cargo doors, details of cargo doors, Wide spaced hatch webs are forwarded herewith.

Marconi wireless apparatus is fitted

S.S. van Hogendorp Yard No 953 RWC Report 66091 is a sister vessel.

The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.

The amount of Entry Fee	£ 5 : 0 : 0	Fees applied for, JUL 21 1914	
Special Survey Fee	£ 103 : 15 : 0	Received by me, 31/7/14	
Travelling Expenses, if any	£ :		
State whether the Vessel has been built under Special Survey	Yes		
I am of opinion this Vessel should be Classed	100 A. Steel Aft wing Deck		
With, or without Freeboard, as condition of Class	with freeboard.		

Committee's Minute FRI. JUL. 24. 1914

Character assigned 100 A. Aft wing Bk w.fod.

Lloyd's A & B P. + L.M.C. 7.14 F.D.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop _____ ft., R.Q.D. _____ ft., Bridge _____ ft., Forecastle 43 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book). 2 Dks (Stl) & Awg Dk (Stl-WS)

Official No. _____ ; Signal Letters _____

State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside Portland cement & paint Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. Cell Dm.

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	<u>80.0</u>	<u>196</u>	Fore peak tank,	<u>17.0</u>	<u>38</u>
Double bottom, under Engines and Boilers,	<u>56.0</u>	<u>150</u>	After peak tank,	<u>18.0</u>	<u>26</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>144</u>	<u>261</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>607</u>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules. Yes

Order for Special Survey No. 4493

Date 19.2.1914

No. 961 in builder's yard.

Dates of Surveys held while building

1914
Jan 7. 12. 19. 21. 26. 30. Feb. 2. 4. 5. 9. 15. 17. 25. 26. Mar. 3. 4. 19. 20. 25. 26. 27. 30. 31.
Apr. 1. 2. 4. 7. 9. 14. 20. 27. 28. 29. May. 4. 6. 7. 8. 15. 18. 19. 20. 22. 25. 29. Jun. 2. 4. 5. 10. 3.
Jul. 1. 6. 7. 8. 10. 13. 14. 15. 16. 20.

Surveyor's Signature

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Total No. of Visits 60
E. L. Milton